

BY R. HINDSON DATE 27/3/70

SUBJECT DIAMOND DRILL SECTION

SHEET NO. 1 OF 1

CHKD. BY DATE

CASINO SILVER MINES LTD.

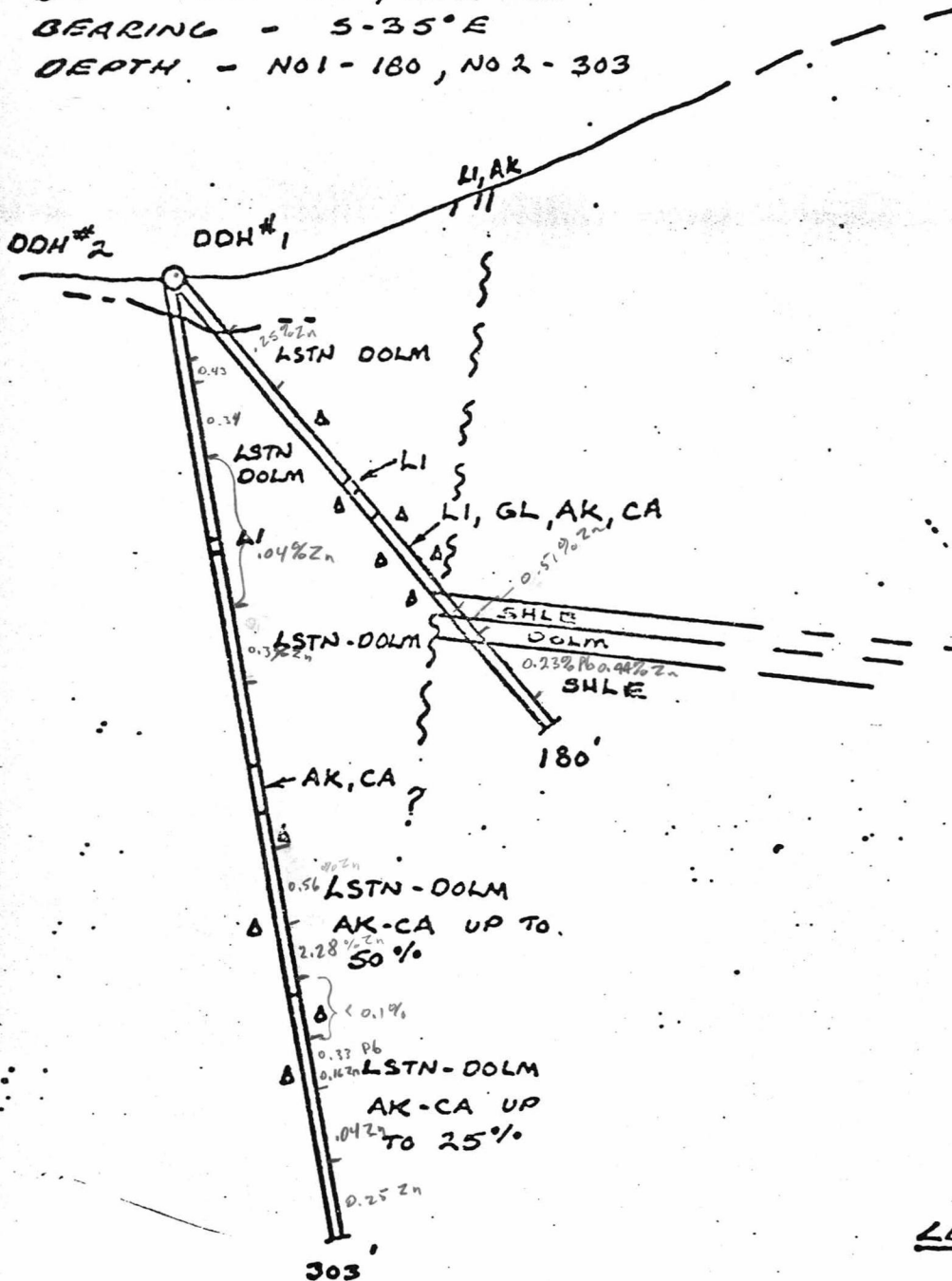
JCR NO. 117

RACKLA RIVER PROPERTY Y.T.

64°18'N - 134°14'W

DIAMOND DRILL HOLE NO - 1+2
 CO-ORDINATES - 3+75N, 10+35W
 DIP - NO1 - 50°, NO2 - 80°
 BEARING - S-35°E
 DEPTH - NO1 - 180, NO2 - 303

012984



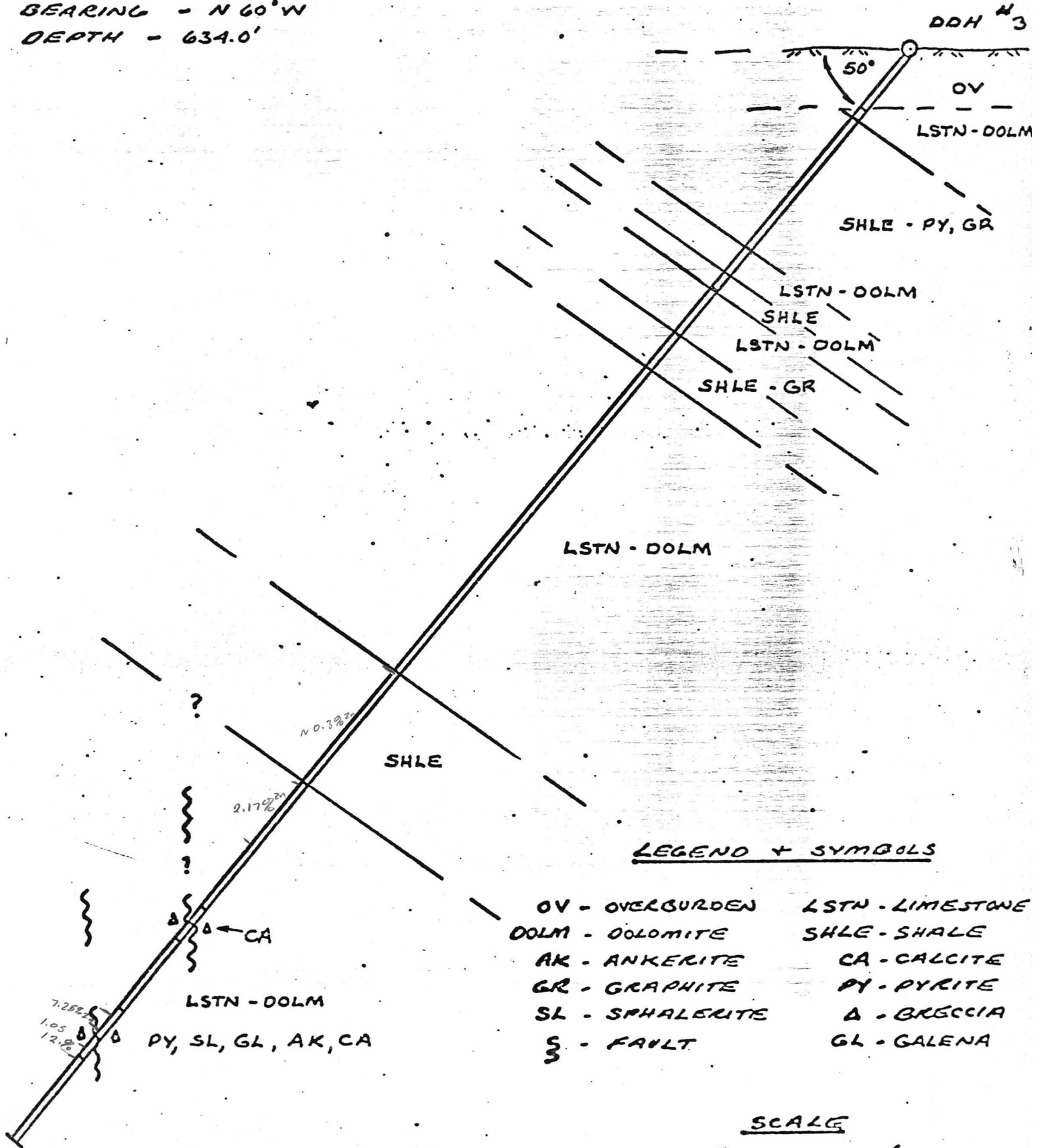
LEGEND + SYMBOLS

OV	OVERBURDEN	LSTN	LIMESTONE
DOLM	DOLomite	SHLE	SHALE
AK	ANKERITE	CA	CALCITE
GR	GRAPHITE	PY	PYRITE
SL	SPHALERITE	Δ	BRECCIA
§	FAULT	GL	GALENA
		LI	LIMONITE

SCALE

1" = 100'

DIAMOND DRILL HOLE NO - 3
 CO-ORDINATES - 0+50S, 18+00W
 DIP - 50°
 BEARING - N 60° W
 DEPTH - 634.0'



LEGEND + SYMBOLS

- | | |
|-----------------|------------------|
| OV - OVERBURDEN | LSTN - LIMESTONE |
| DOLM - DOLOMITE | SHLE - SHALE |
| AK - ANKERITE | CA - CALCITE |
| GR - GRAPHITE | PY - PYRITE |
| SL - SPHALERITE | Δ - BRECCIA |
| § - FAULT | GL - GALENA |

SCALE

1" = 100'

BY R. HINSON DATE 27/3/70

SUBJECT DIAMOND DRILL SECTION

SHEET NO. 1 OF 1

CHKD. BY DATE

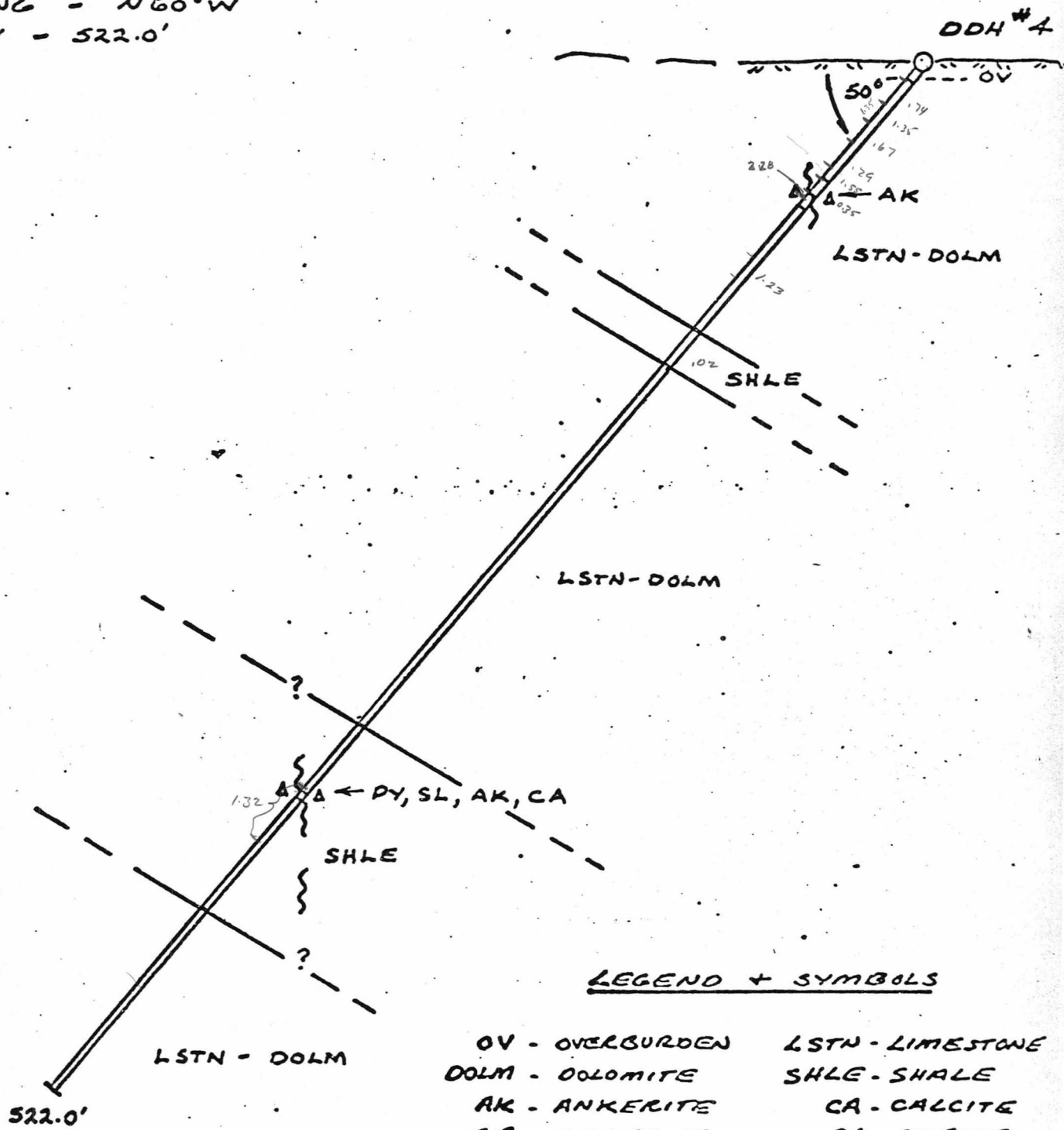
CASINO SILVER MINES LTD.

JOB NO. 117

RACKLA RIVER PROPERTY Y.T.

64°18'N - 134°14'W

DIAMOND DRILL HOLE NO - 4
CO-ORDINATES - 0+00N, 21+00W
DIP - 50°
BEARING - N60°W
DEPTH - 522.0'



LEGEND + SYMBOLS

- | | |
|-----------------|------------------|
| OV - OVERBURDEN | LSTN - LIMESTONE |
| DOLM - DOLOMITE | SHLE - SHALE |
| AK - ANKERITE | CA - CALCITE |
| GR - GRAPHITE | PY - PYRITE |
| SL - SPHALERITE | Δ - BRECCIA |
| S - FAULT | |

SCALE

1" = 100'

CASINO SILVER MINES LTD.

<u>D.D.H. #1</u>	<u>Depth of Hole:-</u> 180.0'
<u>Location:-</u> Rackla River Project	<u>Dip Angle:-</u> -50°
<u>Direction:-</u> S.35°E	<u>Date Started:-</u> July 21, 1970
<u>Co-ordinates:-</u> 10 plus 35'W	<u>Date Completed:-</u> July 28, 1970
3 plus 75'N	<u>Logged by:-</u> R. Hindson

Description

<u>0' - 20.0'</u>	<u>Overburden.</u> No recovery.
<u>20.0' - 51.5'</u>	<u>Limestone-Dolomite.</u> Light brown-beige; frequent siderite fracture fillings 0.3" wide at random orientation; later fractures are filled with calcite, highest calcite fracture filling density from 32.0' - 35.0'.
<u>51.5' - 74.5'</u>	<u>Breccia.</u> Replacement, fragments not recognizable, most likely limestone-dolomite; lightly banded and kaolinized, often muddy, limonitic and calcareous.
<u>74.5' - 81.0'</u>	<u>Limestone-Dolomite.</u> As in 20.0' - 51.5', with carbonate fracture fillings weathered out; increasing limonite (bright orange) content in last 5.0'.
<u>81.0' - 84.0'</u>	<u>Limonite</u> 80%; minor limestone-dolomite present; light orange - jarosite or possibly plumbo-jarosite.
<u>84.0' - 94.0'</u>	<u>Breccia,</u> replacement, sharp angular fragments of light grey dolomite with minor fragments of dark brown siderite or ferruginous limestone cemented by calcite; occasional sections up to 2" containing limonite as fracture fillings; fragments average 0.15" across.
<u>94.0' - 120.0'</u>	<u>Breccia,</u> replacement, light grey dolomite fragments contained in calcite matrix; grades into shale fragments contained in an ankerite matrix, calcite-ankerite content up to 80%, average 50%; calcite-ankerite contains galena, limonite and manganese veins or seams with average width up to 1", cutting the core at 45°.
<u>120.0' - 126.0'</u>	As above, with sharply reduced calcite content; possible galena mineralization at 124.0'.
<u>126.0' - 135.0'</u>	<u>Shale,</u> graphitic, black to dark grey, calcareous; some interbedded dolomite; rare small crystals of galena; possible shear with odd breccia fragments or slump feature with clay-galls.
<u>135.0' - 144.0'</u>	<u>Dolomite,</u> light grey, fractured; some replacement breccia.
<u>144.0' - 174.0'</u>	<u>Shale,</u> graphitic, black; some slickensiding; bedding at 40° to core axis; slumping and minor folding.
<u>174.0' - 180.0'</u>	<u>Mud seam;</u> no recovery.

END OF HOLE

20-45
45-64 CORE MISSING
135-144
144-174

64-134
SAMPLED BY CASINO

SAMPLES

<u>Sample Interval</u>	<u>Sample No.</u>	<u>Ag oz/ton</u>	<u>Zn %</u>	<u>Pb %</u>	<u>Pb + Zn</u>
64.0 - 74.0	C-6	.10	1.68	.19	1.87
74.0 - 84.0	C-7	.48	3.78	.62	4.40
84.0 - 94.0	C-1	.50	4.08	.18	4.26
94.0 - 104.0	C-2	1.26	2.52	1.68	4.20
104.0 - 114.0	C-3	1.30	2.52	.94	3.46
114.0 - 124.0	C-4	.28	1.35	.08	1.43
124.0 - 134.0	C-5	.16	0.88	.11	0.99

CASINO SILVER MINES LTD.

<u>D.D.H. #1</u>	<u>Depth of Hole:-</u> 180.0'
<u>Location:-</u> Rackla River Project	<u>Dip Angle:-</u> -50°
<u>Direction:-</u> S.35°E	<u>Date Started:-</u> July 21, 1970
<u>Co-ordinates:-</u> 10 plus 35'W	<u>Date Completed:-</u> July 28, 1970
3 plus 75'N	<u>Logged by:-</u> R. Hindson

Description

<u>0' - 20.0'</u>	<u>Overburden.</u> No recovery.
<u>20.0' - 51.5'</u>	<u>Limestone-Dolomite.</u> Light brown-beige; frequent siderite fracture fillings 0.3" wide at random orientation; later fractures are filled with calcite, highest calcite fracture filling density from 32.0' - 35.0'.
<u>51.5' - 74.5'</u>	<u>Breccia.</u> Replacement, fragments not recognizable, most likely limestone-dolomite; lightly banded and kaolinized, often muddy, limonitic and calcareous.
<u>74.5' - 81.0'</u>	<u>Limestone-Dolomite.</u> As in 20.0' - 51.5', with carbonate fracture fillings weathered out; increasing limonite (bright orange) content in last 5.0'.
<u>81.0' - 84.0'</u>	<u>Limonite</u> 80%; minor limestone-dolomite present; light orange - jarosite or possibly plumbo-jarosite.
<u>84.0' - 94.0'</u>	<u>Breccia,</u> replacement, sharp angular fragments of light grey dolomite with minor fragments of dark brown siderite or ferruginous limestone cemented by calcite; occasional sections up to 2" containing limonite as fracture fillings; fragments average 0.15" across.
<u>94.0' - 120.0'</u>	<u>Breccia,</u> replacement, light grey dolomite fragments contained in calcite matrix; grades into shale fragments contained in an ankerite matrix, calcite-ankerite content up to 80%, average 50%; calcite-ankerite contains galena, limonite and manganese veins or seams with average width up to 1", cutting the core at 45°.
<u>120.0' - 126.0'</u>	As above, with sharply reduced calcite content; possible galena mineralization at 124.0'.
<u>126.0' - 135.0'</u>	<u>Shale,</u> graphitic, black to dark grey, calcareous; some interbedded dolomite; rare small crystals of galena; possible shear with odd breccia fragments or slump feature with clay-galls.
<u>135.0' - 144.0'</u>	<u>Dolomite,</u> light grey, fractured; some replacement breccia.
<u>144.0' - 174.0'</u>	<u>Shale,</u> graphitic, black; some slickensiding; bedding at 40° to core axis; slumping and minor folding.
<u>174.0' - 180.0'</u>	<u>Mud seam;</u> no recovery.

END OF HOLE

64-134'
SAMPLED BY CASINO

20-45

45-64 - Missing

135-144

144-174

SAMPLES

<u>Sample Interval</u>	<u>Sample No.</u>	<u>Ag oz/ton</u>	<u>Zn %</u>	<u>Pb %</u>
64.0 - 74.0	C-6	.10	1.68	.19
74.0 - 84.0	C-7	.48	3.78	.62
84.0 - 94.0	C-1	.50	4.08	.18
94.0 - 104.0	C-2	1.26	2.52	1.68
104.0 - 114.0	C-3	1.30	2.52	.94
114.0 - 124.0	C-4	.28	1.35	.08
124.0 - 134.0	C-5	.16	0.88	.11

DDH-1

20-45

45-60

MISSING

135-144

144-174

D.D.H. #2

Depth of Hole:- 303.0'

Location: Rackla River Project

Dip angle :- -80°

Direction:- S 35° E

Date Started:- July 28, 1970

Co-ordinates:- 10 plus 35'W
3 plus 75'N

Date Completed:- August 1, 1970

Logged by: John Essery

Description0' - 9.0'Overburden. No core recovery.9.0' - 29.0'Limestone-Dolomite. light grey, varying to light brown due to limonite staining in part; numerous ankerite-calcite filled fractures 1/16" to 1" wide at random orientation; bedding planes @ 40° to core.29.0' - 34.0'Limestone-Dolomite, altered, light to dark brown limonite staining with darker manganese oxidation in some sections; clayey to muddy in part; brecciated 29.0' - 30.0', fragments and matrix clayey and oxidized to light brown colour.34.0' - 73.0'Limestone-Dolomite, similar to 9.0' - 29.0'; manganese oxidation from 40.0' to 41.0' with later introduction of ankerite-calcite as fracture fillings; brecciated from 43.0' to 44.0' with dark brown to orange coloured fragments in an ankerite-calcite matrix; core angle 35° to 50°.73.0' - 76.5'Limonite, possibly altered dolomite, dark brown, (broken core) occasional fine calcite filled seams, often parallel to core.76.5' - 79.5'Limestone- Dolomite. similar to section 9.0' - 29.0'; C/A 40°.79.5' - 83.0'Limonite, dark brown, altered dolomite? C/A 30°.83.0' - 153.0'Limestone-Dolomite, similar to section 9.0' - 29.0'; gradational change from light grey to light brown with limonite stained sections; uniform distribution of ankerite-calcite stringers, usually occurring along bedding planes, also occasional random stringers; bedding plane angles contorted varying from 10° to 45° to core.153.0' - 166.0'Ankerite-Calcite; vein type intrusion into limonite material causing fragmentation of host rock; limonite/ankerite-calcite ratio nearly equal.

9-29 ✓

29-34 ✓

34-~~60~~60 ✓

60-83 ✓

83-109 ✓

107-130 ✓

130-152 ✓

152-183 ✓ *loc in hole of not 100%*183-208 ✓ *determined by x-ray & shale*Box 1's
208-224 ✓

224-235 ✓

235-240 ✓ *brecciated*240-244 ✓ *gradational*

244-261 ✓

261-283 ✓

283-303 ✓

Sampled

166.0' - 202.0'

Limestone-Dolomite; later intrusion of ankerite-calcite as veining and fracture fillings which constitutes an estimated 50% of section; brownish limonitic fragmentals in part with dolomite in ankerite matrix;

175.0' to 177.5' massive calcite
 189.5' to 192.5' " "

Core angle at contact of vein materials 50°.

202.0' - 224.5'

*211-224
Sampled*

Limestone-Dolomite; average 40% ankerite-calcite content as fracture fillings at random orientation; brecciated in part in sections less than 1' long, dark grey fragments in an ankerite-calcic matrix;

211.5' to 224.5' fine limonite stained fracture fillings of calcic material; core badly broken.

224.5' - 303.0'

Limestone-Dolomite, dark grey, highly fractured; abundant later seams and vein-like fracture fillings of ankerite representing estimated 25% of section; minor 2' to 3' section of brecciated material; ankerite is the predominant rock type throughout section.

END OF HOLE

SAMPLES

<u>Sample Interval</u>	<u>Sample No.</u>	<u>Ag oz/ton</u>	<u>Zn %</u>	<u>Pb %</u>
73.0' - 77.0'	C-8	.10	.22	.06
152.5' - 166.0'	C-9	.24	1.88	.08
211.0' - 224.0'	C-10	.10	.64	.06

DDH-2

9 - 29

29 - 34

34 - 60

60 - 83

83 - 107

107 - 130

130 - 152

152 - 183

- Footage markers uncertain but believed to be correct.

183 - 208

~~208~~ - 224

224 - 235

235 - 240

Bracciated

240 - 244

Graphitic

244 - 261

261 - 283

283 - 303